

Chase A Weidmann

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,403
citations

687220

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996849

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docs citations

21
times ranked

2050
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Distinct MUNC lncRNA structural domains regulate transcription of different promyogenic factors. <i>Cell Reports</i> , 2022, 38, 110361. | 2.9 | 13 |
| 2 | Discovery of a large-scale, cell-state-responsive allosteric switch in the 7SK RNA using DANCE-MaP. <i>Molecular Cell</i> , 2022, 82, 1708-1723.e10. | 4.5 | 40 |
| 3 | Analysis of RNA-protein networks with RNP-MaP defines functional hubs on RNA. <i>Nature Biotechnology</i> , 2021, 39, 347-356. | 9.4 | 50 |
| 4 | Genomic RNA Elements Drive Phase Separation of the SARS-CoV-2 Nucleocapsid. <i>Molecular Cell</i> , 2020, 80, 1078-1091.e6. | 4.5 | 255 |
| 5 | Targeting the Oncogenic Long Non-coding RNA SLNCR1 by Blocking Its Sequence-Specific Binding to the Androgen Receptor. <i>Cell Reports</i> , 2020, 30, 541-554.e5. | 2.9 | 47 |
| 6 | SHAPE Probing Reveals Human rRNAs Are Largely Unfolded in Solution. <i>Biochemistry</i> , 2019, 58, 3377-3385. | 1.2 | 11 |
| 7 | Guidelines for SHAPE Reagent Choice and Detection Strategy for RNA Structure Probing Studies. <i>Biochemistry</i> , 2019, 58, 2655-2664. | 1.2 | 91 |
| 8 | mRNA structure determines specificity of a polyQ-driven phase separation. <i>Science</i> , 2018, 360, 922-927. | 6.0 | 421 |
| 9 | Combinatorial control of messenger RNAs by Pumilio, Nanos and Brain Tumor Proteins. <i>RNA Biology</i> , 2017, 14, 1445-1456. | 1.5 | 51 |
| 10 | Integrated analysis of RNA-binding protein complexes using in vitro selection and high-throughput sequencing and sequence specificity landscapes (SEQRS). <i>Methods</i> , 2017, 118-119, 171-181. | 1.9 | 24 |
| 11 | Direct Duplex Detection: An Emerging Tool in the RNA Structure Analysis Toolbox. <i>Trends in Biochemical Sciences</i> , 2016, 41, 734-736. | 3.7 | 25 |
| 12 | <i>Drosophila</i> Nanos acts as a molecular clamp that modulates the RNA-binding and repression activities of Pumilio. <i>ELife</i> , 2016, 5, . | 2.8 | 66 |
| 13 | The RNA binding domain of Pumilio antagonizes poly-adenosine binding protein and accelerates deadenylation. <i>Rna</i> , 2014, 20, 1298-1319. | 1.6 | 71 |
| 14 | <i>Drosophila</i> Pumilio Protein Contains Multiple Autonomous Repression Domains That Regulate mRNAs Independently of Nanos and Brain Tumor. <i>Molecular and Cellular Biology</i> , 2012, 32, 527-540. | 1.1 | 70 |
| 15 | Human Pumilio Proteins Recruit Multiple Deadenylases to Efficiently Repress Messenger RNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 36370-36383. | 1.6 | 165 |